Bi-Lingual Mobile Learning Methods
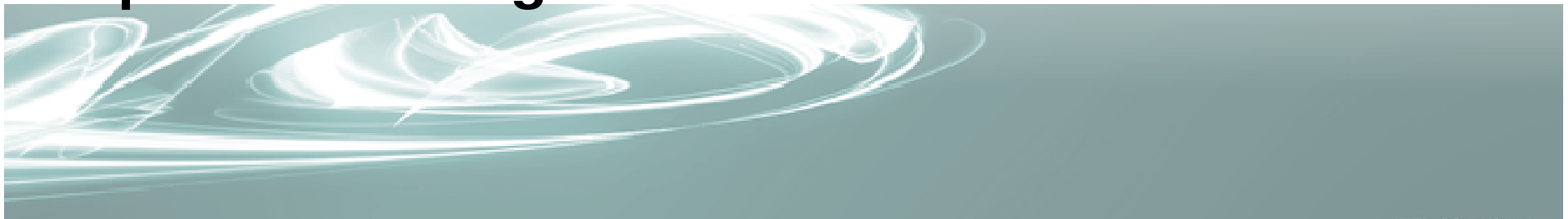## A use case

May 2010

Objective

Analyze the use of Sharable Content Objects (SCOs) distributed through mobile devices in order to assess their usability in the health field

Specific Objectives

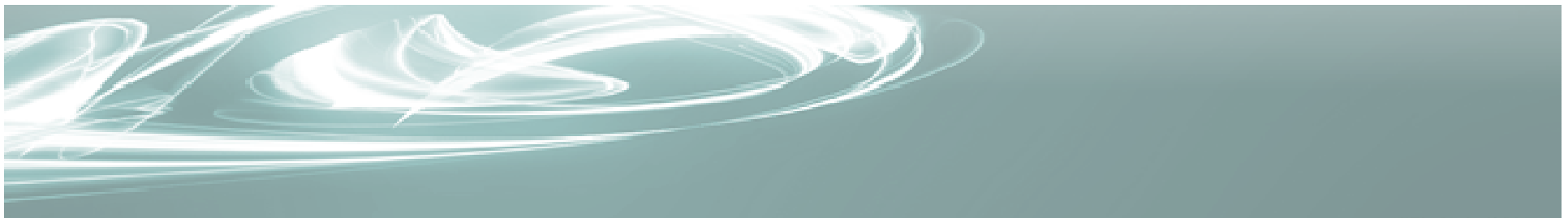Summarize existing mobile market on usage of mobile devices within Mexico

Select a skills area and re-purpose existing e-Learning materials in two languages: **Spanish** and **English**
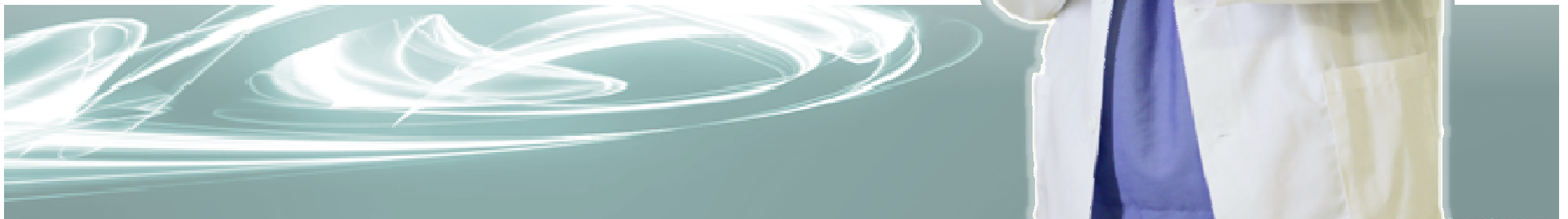
Specific Objectives

A(H1N1)

Design SCOs in Spanish and in English to support the *Guide to Clinical Management of Influenza A(H1N1)*

Specific Objectives

Conduct structured interview research to ascertain positive and negative reactions to areas related to ease-of-use and effectiveness
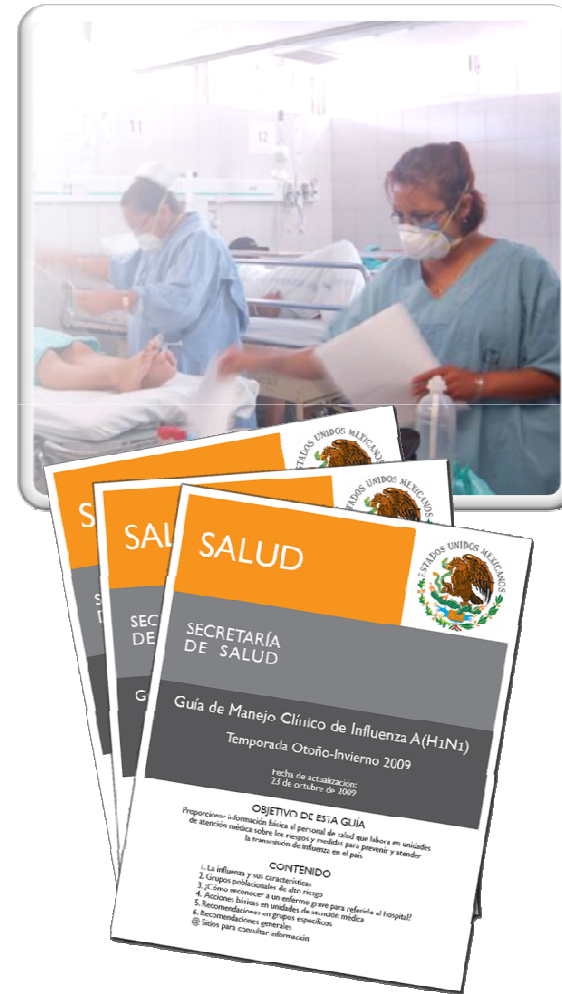
Background

This project started in November 2009, supported by **ONRG** & **ADL**.

It involves the participation of the Latin American and the Caribbean Region ADL Partnership Lab multidisciplinary team,
comprised by

1 Educationalist
3 Instructional Designers
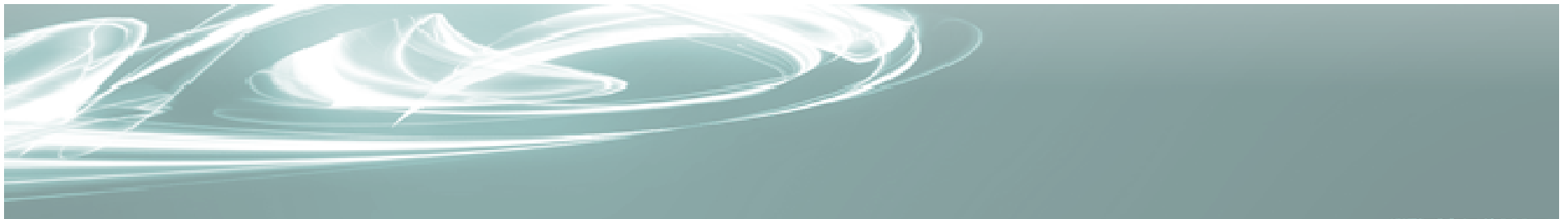3 Software Engineers
1 Graphic Designer

A Use Case

The project consists of developing and evaluating 10 SCOs in **Spanish** and in **English** to support the *Guide to Clinical Management of Influenza*, which is distributed to health staff by the **Mexican Secretariat of Health**

Mobile Devices within Mexico

ADL-ILCE Partnership Lab has analyzed what sort of mobile devices are used in Mexico more commonly

After that analysis, we have selected the most appropriate ones for this project
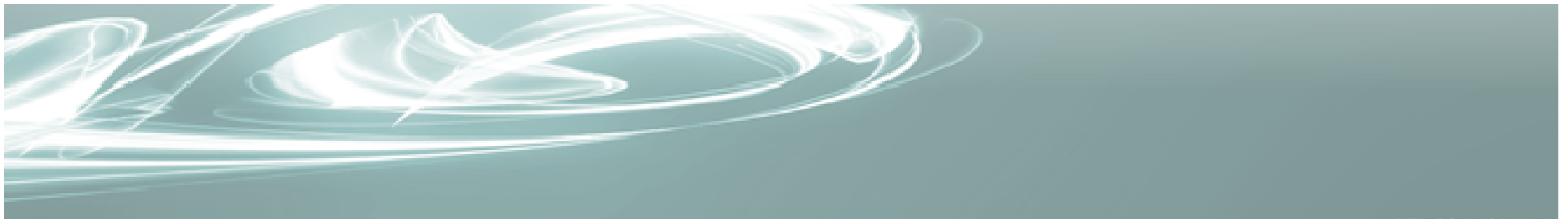
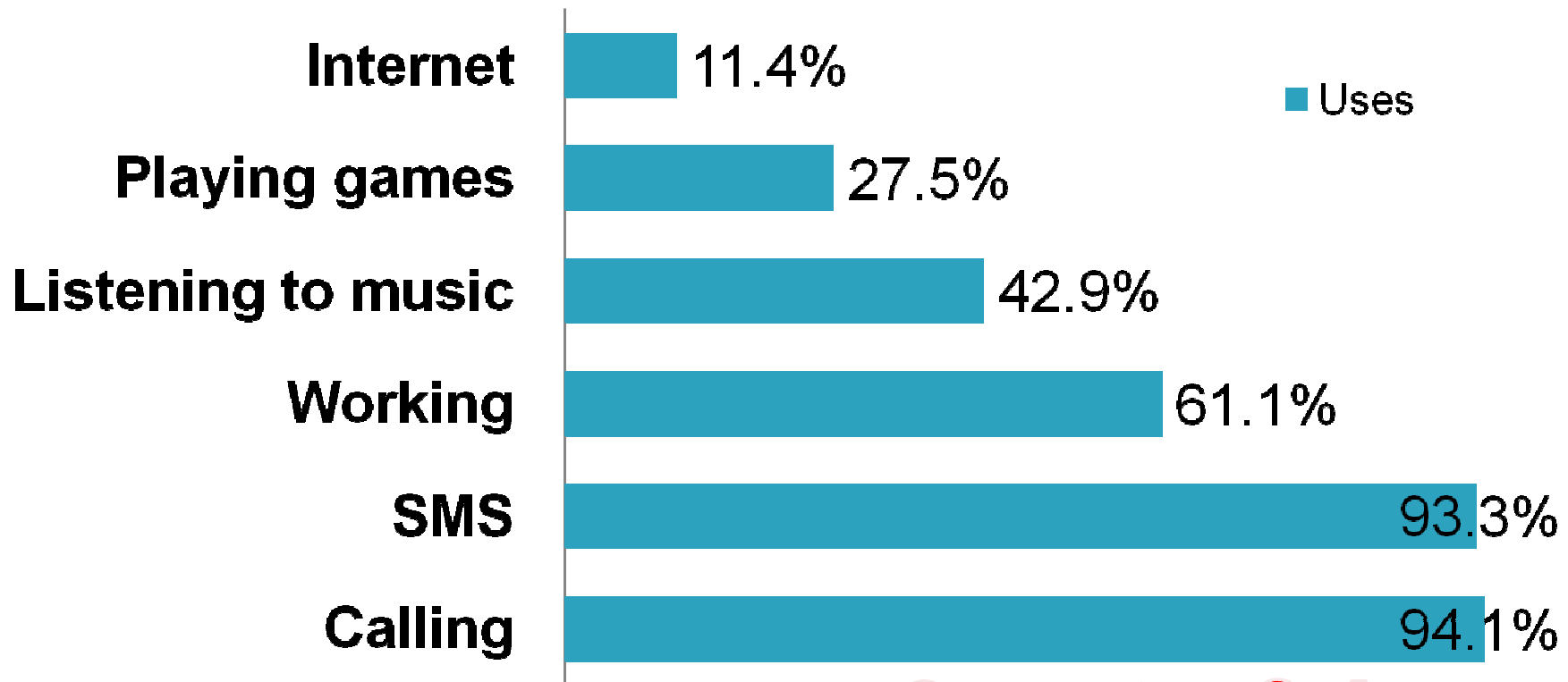# Selected Type of Mobile Device

Requeriment:
   SCORM 2004 4th ed

Solution:
   Smartphones + 3G

Uses of Cellphone

Internet — 11.4%

Playing games — 27.5%

Listening to music — 42.9%

Working — 61.1%

SMS — 93.3%

Calling — 94.1%

■ Uses

The cellphone is the most used Mobile Device in Mexico
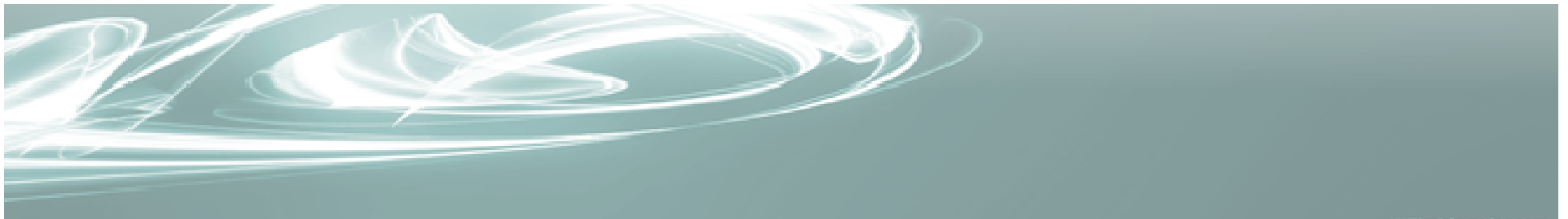
3 out of 4

Mexicans has one

Progress

ADL-ILCE Partnership Lab has executed some **testing** using **3G** cellphones operating with **ILIAS** and **Moodle**

Progress

An **agreement** with the Mexico City Secretariat of Health has been reached to develop this project in collaboration

The role of this Secretariat will be to deliver and to **validate** the contents that will be used in the project

Progress

20 Medical Doctors & Nurses

A group of **Spanish speakers** and a group of **English speakers** will participate as users and then be interviewed in order to evaluate **ease-of-use** and **effectiveness** of SCOs

Documents in progress

ADL-ILCE Partnership Lab is working on a set of documents to sustain the project:

Planning and Defining the Project

Analyzing Mobile Devices within Mexico

Guidelines for Developing

m-Learning SCOs

Evaluation Strategies

Evaluation

ADL-ILCE Partnership Lab is now working on an evaluation strategy to conduct structured interviews as well as direct observation, which will allow to know the results from different perspectives:
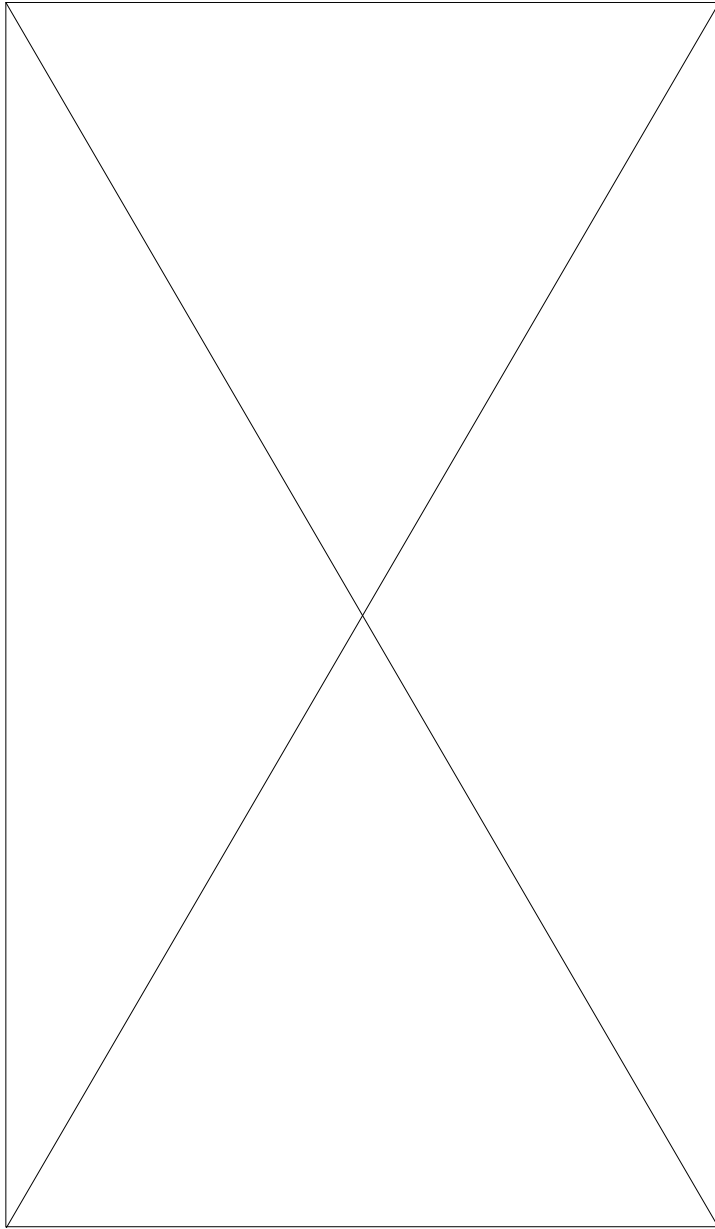**accessibility, usability, affordability and didactic pertinence**

Demo (SCOs in Spanish)

http://elab1.ilce.edu.mx/ilias

User: **usuarioadl**
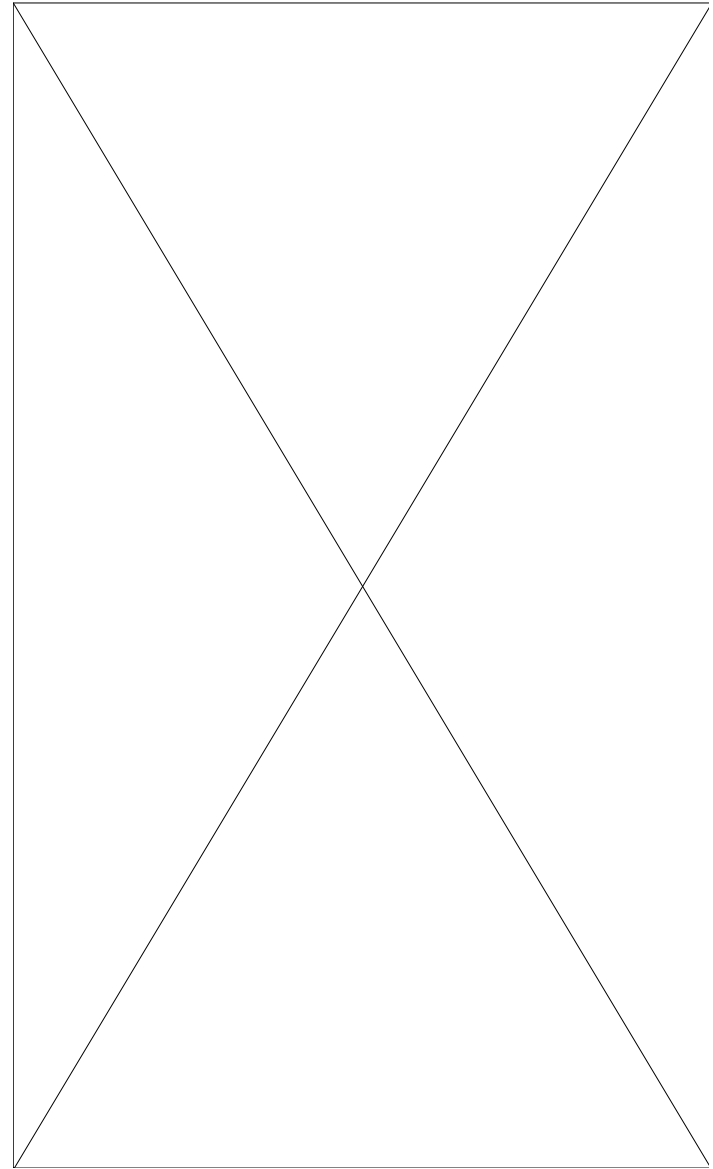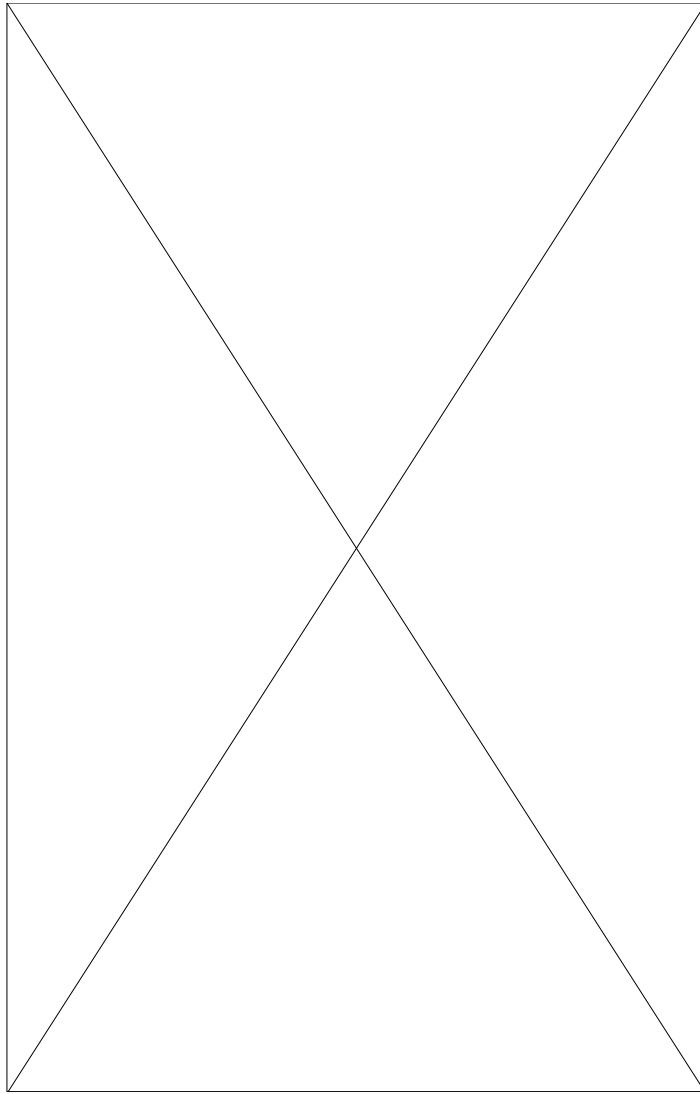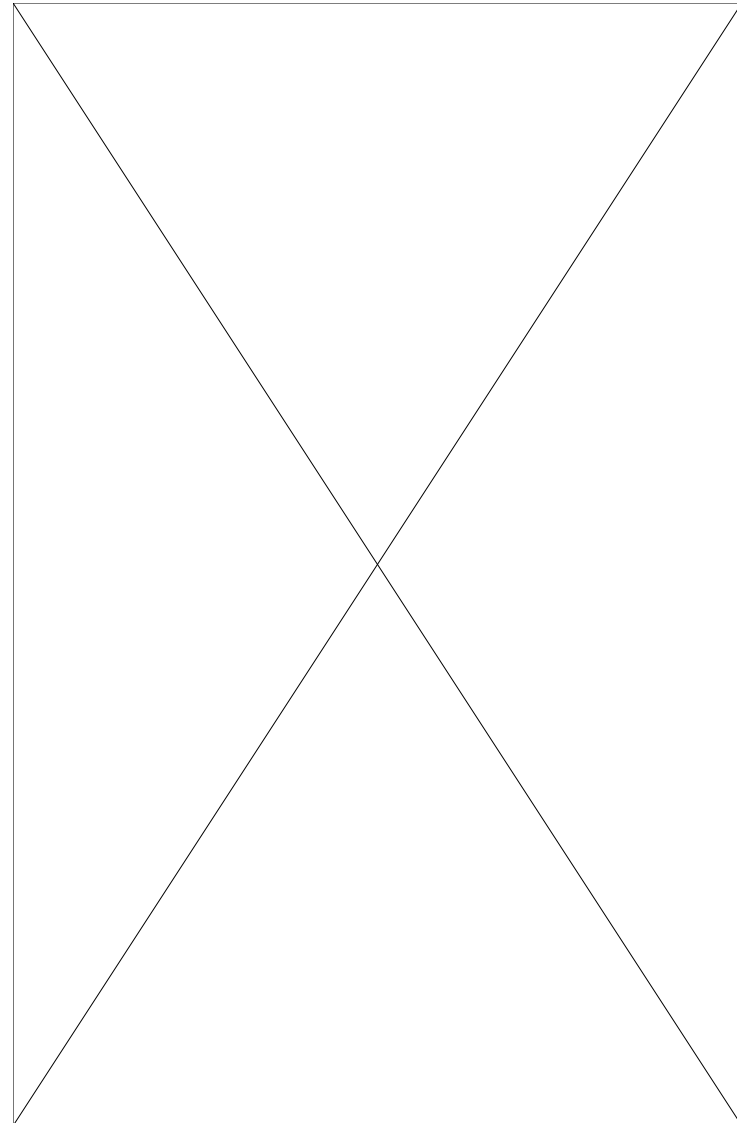
Pass: **adl123456**

SCO 01

SCO 02

SCO 03

SCO 04

Thank you!

José Cartas

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